



BY-VM300PS

Stereo Video Condenser Microphone

Boya Audio Equipment (Shenzhen) Co.,Ltd

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Instruction Manual

Instruction Manual

We would like to thank you for your trust in us and wish you much fun and success with your new equipment.

The stereo microphone from BOYA is ideal for use with DSLRs, camcorders and audio recorders. With the two supercardioid capsules you are able to achieve first-class, real stereo sound. The large transmitting range and the low self-generated noise ensure excellent recording quality. The integrated elastic suspension ensures decoupling. The switchable pre-damping enables also the recording of loud signals, without suffering losses in recording quality.



- Please read these instructions for use thoroughly before you use this new equipment for the first time. It contains everything you need to know in order to avoid damage to persons or property.
- Strictly follow all notes on safety in these instructions for use.
- Keep these instructions for use in a safe place. If you sell your equipment or pass it on to someone else, you should also pass on these instructions for use.

1. Understanding these instructions for use correctly

1.1 Markings on the device



This symbol indicates, that your device meets the safety requirements of all applicable EU-directives.



Waste disposal and protection of the environment

Electric and electronic appliances as well as batteries must not be disposed of together with domestic waste. The user is legally obliged to return electric and electronic appliances as well as batteries to specially set up public collecting points or the sales outlet once they have reached the end of their service life. Details are regulated by national law. The symbol on the product, the instructions for use or the packaging refers to these provisions. The recycling, the material-sensitive recycling or any other form of recycling of waste equipment/batteries is an important contribution to the protection of our environment.

1.2 Identifications in these instructions for use

Identification	Meaning
	Draws your attention to the dealing with and the effect of safety information.
WARNING	Draws you attention to a dangerous situation, which can result in severe or even fatal injury, if not avoided.
NOTE	Draws your attention to possible material damage and other important information in connection with your equipment.

2. Important safety information

WARNING

Danger of fire and short-circuit

A short-circuit may, amongst others, be caused by defective cables or by dampness or moisture. In case of a short-circuit the cable wires may heat up to such an extent, that the insulation or even the wires themselves will melt. This may cause fire.

- Do not operate the device with wet hands or feet.
- Clean the equipment only in the way described in the instructions for use.
- Take care to prevent the equipment from dropping down. Make sure that the device is properly fastened and reliably mounted.
If the device has dropped down on the floor have it inspected by a skilled electrician before you switch it on again.
- Should the equipment be damaged or defective, or if you notice a scorching smell:
Interrupt the electric power supply immediately by removing the batteries. Do not operate the device with a damaged housing, do not repair the device yourself. Have the device only repaired by a skilled electrician
- Always keep your device in good condition, as specified in these instructions for use.
- Do not open the device.

WARNING

Danger of suffocation caused by small parts

Keep the device out of the reach of children and pets.



Precautionary measures when using batteries

Batteries/power packs, if inappropriately handled, can run out or explode. Please observe the following notes on safety when handling batteries to be used in this device:

- Use only batteries mentioned in these operating instructions.
- Do not lay the batteries in a fire and do not expose them to direct heat.
- In order to avoid damage to the product you must make sure that you remove the batteries, if you do not use the product over a longer period of time or if the batteries have been discharged.
- If battery fluid comes into contact with skin or clothes, rinse it off immediately with fresh water.

3. Unpacking and checking the device

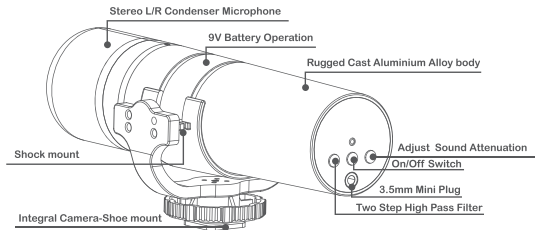
1. Carefully unpack the scope of delivery.
2. Check whether the scope of delivery is complete:
 - Directional microphone
 - 3.5 mm Connecting cable
 - Shock mount
 - Dead Kitten Windscreen
 - Spare Rubber Bands
 - Bag
3. Check whether the scope of delivery is free of damage:

NOTE

If the scope of delivery is incomplete or damaged, please contact sales@boya-mic.com or call our service hotline under the number +86 755 28435910

Within the scope of product improvements we reserve the right for technical and optical changes.

4. Overview of components and control elements of the devices



High Pass Filter Switch

A high-pass filter switch eliminates room ambiance and noise below 80Hz. This results in improved intelligibility while recording around machinery, wind or close proximities.

2-Position Level Control

The 2-Position level control offers -10dB, 0dB modes, letting you set the perfect level regardless of what device the mic is connected to.

5. Preparing the devices for use

- Insert 1x 9 V Lithium or Alkaline battery into the battery compartment. Remove the battery compartment lid to the rear. Ensure correct polarity when inserting the battery.
- For use on the camera: Slide the microphone with the camera shoe on to the camera and turn the fastening wheel to securely fasten the microphone.
- For use on a tripod: Fasten the microphone with the camera shoe on a stable tripod ($\frac{1}{4}$ inch thread).
- Connect the 3.5 mm microphone connection cable to your camera.

NOTE

Read the operating instructions for your camera concerning possible ways of connecting to the camera.

6. Using the microphone

- Switch on your camera.
- Switch on the microphone. Slide the On/Off switch down to On.
- Switch off the microphone. Slide the On/Off switch up to Off.
- For the Low-Cut filter (max. setting). Operate the Low-Cut switch.
- Operate the pre-damping switch for switchable pre-damping (-10 dB)

7. Troubleshooting

Problem	Possible cause	Remedy
No microphone function	Battery empty or defective	Replace the battery

8. Maintaining the device



Do not bring the device into contact with moisture or water.



NOTE

Use only detergents listed in the following table

Cleaning

Device	Cleaning
Housing	Remove light and intractable dirt with a dry micro-fibre cloth

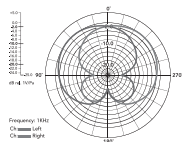
9. Accessories and options

You find optional accessories for your device in our website.

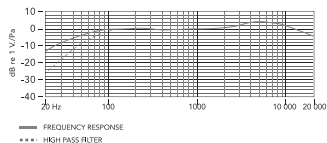
10. Technical specifications

Type	Condenser Microphone(Directional)
Polar Pattern	Super-Cardioid
Frequency Response	30-20,000HZ
Sensitivity	-33dB +/- 1dB / 0dB=1V/Pa, 1kHz
Signal to Noise Ratio	76dB or more
Output Impedance	-10dB, 0dB
Power	9V alkaline or lithium battery
Plug	3.5mm stereo mini-jack
Filter	Controlled by low-cut filter switch
Dimensions(L*H*D)	169*78*65mm
Net Weight	224g

Polar curve



Frequency response



11. Reference to the Declaration of Conformity:

Boya Audio Equipment (Shenzhen) Co.,Ltd. hereby declares that this device is compliant with the general requirements and all other applicable regulations of the directive 2004/108/EC". The Declaration of Conformity is available from the following address: sales@boya-mic.com.

Accessories included:



Dead Kitten Windscreen



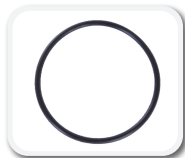
3.5mm mini-plug



Bag



Shock mount



Spare Rubber Bands